

## REMARKS

Claims 1-3, 5, 7-9, 11, 13-19, 21-25, and 27-40 are pending in this application. Claims 1, 5, 7, 11, 15, 19, 21, and 25 have been amended to define more clearly what Applicants regard as their invention. Claims 1, 7, 15, and 21 are independent.

At paragraph 2 of the Office Action, the specification was objected to for being inconsistent with the terminology “space-frequency transformation” used in Claims 1, 7, 15, and 21. The Office Action states that Claims 1, 7, 15, and 21 would be allowable if the specification is rewritten or amended to reflect the terminology used in the claims. Applicants have amended the specification such that the sentence on page 5, bridging lines 25 and 26, now recites: “The transformations envisaged here are decompositions into frequency sub-bands signals of the data signal, so as to effect an analysis of the signal, i.e., space-frequency transformations of the data signal into the frequency sub-bands signals.” Withdrawal of the objection to the specification is respectfully requested.

At paragraph 4 of the Office Action, Claims 1-3, 5, 7-9, 11, 13-19, 21-25, and 27-40 were objected to. First, regarding Claims 1, 7, 15, and 21, Applicants have amended these claims to recite “a predetermined third number of samples.”

Second, Claims 5, 11, 19, and 25 have been amended to recite that the first blocks are processed in a predetermined order, such that the signal is transformed macroblock by macroblock, a macroblock of the signal being processed at all the resolution levels before passing to a following macroblock. See the specification at page 11, lines 1-12. It is of course to be understood that the references to various portions of the present application are by way of illustration and example only, and that the claims are not limited by the details shown in the portions referred to.

Withdrawal of the objection to Claims 1-3, 5, 7-9, 11, 13-19, 21-25, and 27-40, set forth at paragraph 4 of the Office Action, is respectfully requested.

Applicants note with appreciation the indication at paragraph 5 of the Office Action that Claims 1-3, 5, 7-9, 11, 13-19, 21-25, and 27-40 would be allowable if amended to overcome the objections set forth above. Since it is believed that the above objections have now been overcome, the claims are now believed to be in condition for allowance.

In view of the foregoing amendments and remarks, Applicants respectfully request favorable reconsideration and early passage to issue of the present application.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "L. P. Diana", is written over a horizontal line.

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